vening elements, and there may be merely a functional relationship between the components.

[0111] Further, as used in this text, the term 'circuitry' refers to any of the following:

(a) hardware-only circuit implementations (such as implementations in only analog and/or digital circuitry)

(b) combinations of circuits and software (and/or firmware), such as: (i) to a combination of processor(s) or (ii) to portions of processor(s)/software (including digital signal processor (s)), software, and memory(ies) that work together to cause an apparatus, such as a tag or server, to perform various functions) and

(c) to circuits, such as a microprocessor(s) or a portion of a microprocessor(s), that require software or firmware for operation, even if the software or firmware is not physically present.

[0112] This definition of 'circuitry' applies to all uses of this term in this text, including in any claims. As a further example, as used in this text, the term 'circuitry' also covers an implementation of merely a processor (or multiple processors) or portion of a processor and its (or their) accompanying software and/or firmware. The term 'circuitry' also covers, for example, a baseband integrated circuit or applications processor integrated circuit for a device.

[0113] Any of the processors mentioned in this text could be a processor of any suitable type. Any processor may comprise but is not limited to one or more microprocessors, one or more processor(s) with accompanying digital signal processor(s), one or more processor(s) without accompanying digital signal processor(s), one or more special-purpose computer chips, one or more field-programmable gate arrays (FPGAS), one or more controllers, one or more application-specific integrated circuits (ASICS), or one or more computer(s). The relevant structure/hardware has been programmed in such a way to carry out the described function.

[0114] Any of the memories mentioned in this text could be implemented as a single memory or as a combination of a plurality of distinct memories, and may comprise for example a read-only memory, a random access memory, a flash memory or a hard disc drive memory etc.

[0115] Moreover, any of the actions described or illustrated herein may be implemented using executable instructions in a general-purpose or special-purpose processor and stored on a computer-readable storage medium (e.g., disk, memory, or the like) to be executed by such a processor. References to 'computer-readable storage medium' should be understood to encompass specialized circuits such as FPGAs, ASICs, signal processing devices, and other devices.

[0116] The functions illustrated by processor **101** in combination with memory **102**, processor **312** in combination with memory **313**, processor **342** in combination with memory **343**, or circuitry **311** or **314** can be viewed as means for monitoring at least one criterion for an adjustment of a frequency of a periodic transmission of information by a mobile apparatus via an air interface, the periodic transmission enabling a determination of positions of the mobile apparatus; and as means for causing an adjustment of the frequency, when it is detected that the at least one criterion is met.

[0117] The program codes in memory **102** or memory **313** or memory **343** can also be viewed as comprising such means in the form of functional modules.

[0118] It will be understood that all presented embodiments are only exemplary, that features of these embodiments may be omitted or replaced and that other features may be added. Any mentioned element and any mentioned method step can be used in any combination with all other mentioned elements and all other mentioned method step, respectively. It is the intention, therefore, to be limited only as indicated by the scope of the claims appended hereto.

1-24. (canceled)

25. A method comprising:

monitoring at least one criterion for an adjustment of a frequency of a periodic transmission of information by a mobile apparatus via an air interface, the periodic transmission enabling a determination of positions of the mobile apparatus; and

when it is detected that the at least one criterion is met, causing an adjustment of the frequency.

26. The method according to claim **25**, wherein the criterion relates to at least one of receipt, by the mobile apparatus, of a re-configuration message from a stationary apparatus;

sensor data;

an indication of ambient temperature;

an indication of a movement of the mobile apparatus;

an indication of a position of the mobile apparatus;

an indication of remaining battery energy available to the mobile apparatus;

an indication of an amount of ambient light;

an indication of a physical force applied to the mobile device;

a current time of day;

a current date;

an amount of traffic on the air interface; and

an amount of detected packet collisions on the air interface.

27. The method according to claim **26**, wherein the mobile apparatus monitors the at least one criterion only at least one of:

in predetermined time intervals; and

for a predetermined period after each transmission of information.

28. The method according to claim **25**, wherein the monitoring is performed at least at a stationary apparatus, and wherein causing an adjustment of the frequency comprises causing, by the stationary apparatus, a transmission of a re-configuration message to the mobile apparatus.

29. The method according to claim **28**, wherein the criterion monitored by the stationary apparatus relates to at least one of:

a position of the mobile apparatus;

a movement of the mobile apparatus;

a current time of day;

a current date;

information received, at the stationary apparatus, from the mobile apparatus;

a current battery status of the mobile apparatus;

a quality of received transmissions;

an amount of mobile apparatuses transmitting information;

an amount of traffic on the air interface; and

an amount of detected packet collisions.

30. The method according to claim **25**, wherein the monitoring is performed at least at the mobile apparatus and the criterion includes at least receiving, by the mobile apparatus, a re-configuration message from a stationary apparatus, or the monitoring is performed at least at a stationary apparatus and causing an adjustment of the frequency comprises transmitting, by the stationary apparatus, a re-configuration message